

ECS Configuration Change Request

Page 1 of 3 Page(s)

1. Originator Evan Winston	2. Log Date: 22 DEC 00	3. CCR #: 00-1176	4. Rev: —	5. Tel: (301) 925-0348	6. Rm #: 2013	7. Dept. DEV/CO
8. CCR Title: TE 5B.06_INGEST.06 for distribution to all DAACs, PVC and VATC. Fixes 29237,29236 and GRIB fixes..						
9. Originator Signature/Date <i>Evan Winston</i> 12/22/00		10. Class II	11. Type: CCR	12. Need Date: 12/22/00		
13. Office Manager Signature/Date <i>Evan Winston</i> 12/22/00		14. Category of Change: Other		15. Priority: (If "Emergency" fill in Block 28). Emergency		
16. Documentation/Drawings Impacted: None		17. Schedule Impact: None		18. CI(s) Affected:INGEST		
19. Release Affected by this Change: 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: NCR 29237,29236,28861,29175,27443,28621,28556.						
23. Problem: (use additional Sheets if necessary) ECSed29237ECSed29236 Modify sw to correct blank fields for QUAD parameters in output.meta file. Input data .MTA file no longer modified and will be archived with blank QUAD fields. Modify sw to clean up and provide mutex locks around quad parameter preprocessing to prevent out of bounds errors and/or thread conflicts. ECSed28861 created data base patch 59, to Update InFileTypeTemplate table so that more than 99 files can be ingested 29175 DB Patch 59 Corrupted incorrect values of the DAO/DAS parameters in the ingest Database <i>Evan Winston</i> 12/22 (Continued on page 2)						
24. Proposed Solution: (use additional sheets if necessary) Deliver the INGEST .EcInINTFCSVR.pkg as TE 5B.06_INGEST.06						
25. Alternate Solution: (use additional sheets if necessary) Wait for 5B.07 is available.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) INGEST problems will continue to affect DAACs.						
27. Justification for Emergency (If Block 15 is "Emergency"): Ops at the DAACs requires immediate solution.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>Bryan V. Kottus</i> 12/22/00		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): <i>Paul H. Kottus</i> 12/22/00		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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ECS/EDF/SCDV/M&O

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ADDITIONAL SHEET

CCR #: 00-1176 Rev: — Originator: Evan Winston

Telephone: x0348 Office: 2013

Title of Change: TE 5B.06_INGEST.06 for distribution to all DAACs, PVC and VATC.

Box 23. Continued from page 1:

Additional NCRs:

28621 DB Patch #57 -- update secondary data type

28556 GRIB-AVI

27443 Dynamically allocate array in FORTRAN code. Also fixed freeing mismatched memory errors found by Purify.

CONTENT:

CM: PLEASE,

build SGI (6n32) TAR file for the listed .pkg from 5B.07 baseline and provide to SMC

.EcInINTFCSVR.pkg

build SGI (IRIX65) TAR file for the listed .pkg from 5B.07 baseline and provide to SMC.

.EcInINTFCSVR.pkg

SMC: Receive the TAR files and make available to the DAACs .

DAAC Install Instructions:

TE is to be loaded on top of INGEST installations of 5B.06 with TE 5B.06_INGEST.05 INSTALLED!!!!!!.

INSTALLATION:

NOTICE: !!!!!This TE has 2 sets of Tar files for SGI hosts - one to be used with sgi6n32 installs and one to be used with IRIX65 installs!!!!!!

Pick the required TAR file either for sgi6.2 or for IRIX6.5 OS.

1. Get TAR Files from SMC distribution;
Make sure you select the proper SGI TAR file--either for 6n32 or IRIX65.

2. UNTAR the files and copy to the staging area.

3. Modify the file permissions as specified below

```
cd/<distribution_directory>/<stage_directory>/SUN/CUSTOM/dbms  
chmod 744 INS/EcInDbLogin
```

4. For this TE you will be installing the .EcInINTFCSVR.pkg on the "icg" machine(s) only!!!!!!!!!!!!!!

On a SUN host, use E.A.S.I. to perform automated installation of the INGEST SGI hosts as follows:

- Select the Mode to be installed
- Enter the location of the staged files
- Select CUSTOM and Click Next
- Click on the "Sort by: Subsystem" button, highlight "INS", and click Next.

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- e. Select Install as the Installation Phase and Click Next
- f. STAGING AREA will be shown as the Installation Type. Click Next
- g. Review the packages and hosts as displayed to ensure that they are going to be installed appropriately. Click Next.
- h. Click COMM and ensure all INS (SGI) hosts turn green, signalling they are communicating with E.A.S.I.
- i. Click INSTALL and monitor each host. Ensure each INS (SGI) host turns green signalling a successful installation.

5. Apply the INGEST Database patches on the INGEST xxicgxx host. Must have DBO privilege to perform this task.:

- a. Determine the current version of the INGEST database
 - i. Use isql to access the INGEST database
 - ii. Execute the following
Select * from EcDbDatabaseVersions where EcDbCurrentVersionFlag = "Y"
 - iii. Record the value in the EcDbComments field
- b. Apply the INGEST Database Patch from the SubSystem Manager.
 - a. Click Database and Select Patch
 - b. Select .dbparms
 - c. In the Database Config Screen enter the next higher number than the number recorded in step a.iii above.
 - d. Continue to apply the database patches sequentially until the INGEST database is patched to version 59 (59.59).

NOTE: If 58.06 and TE INGEST.05 have been installed prior to the installation of this TE then you will only need to apply DB patches 57,58, and 59.

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